UDOT Minimum Sampling and Testing Requirement

02721 Untreated Base Course

02721

Standard Specifiation

Related Items: N/A

Type of Construction: Untreated Base Course

Submittals:

Quality Assurance: Wear * AASHTO T-96

Assurance Frequency: Submit a 200 lb sample of aggregate per source, use form T-268

Point of Acceptance: Materials Source

Out of Spec Action: Contractor must select another materials source.

Documentation/Report:

Type of Construction:

Submittals:

Quality Assurance: Unit Weight * AASHTO T-19

Assurance Frequency: Submit a 200 lb sample of aggregate per source, use form T-268.

Point of Acceptance: Materials Source

Out of Spec Action: Contractor must select another materials source.

Documentation/Report:

Type of Construction:

Submittals:

Quality Assurance: Liquid Limit * AASHTO T-89 Plasticity Index * AASHTO T-90

Assurance Frequency: Submit a 50 lb sample of aggregate per source, use form T-268.

Point of Acceptance: Materials Source

Out of Spec Action: Contractor must select another materials source.

Documentation/Report:

Revised: May 2006

Related Items: N/A

Type of Construction:

Submittals:

Quality Assurance: Liquid Limit AASHTO T-89, Plasticity Index AASHTO T-90

Assurance Frequency: A minimum of one determination per five test lots. (A minimum

of one determination per source.)

Point of Acceptance: Grade

Out of Spec Action: Remove and replace with specification material.

Documentation/Report:

Type of Construction:

Submittals:

Quality Assurance: Sieve Analysis AASHTO T-27 & T-11

Assurance Frequency: A minimum of five determinations when the daily production

exceeds 2,500 tons, a minimum of four determinations when it is

between 1,500 and 2,500 tons, and a minimum of three

determinations when less than 1,500 tons. (A minimum of one

determination per 500 tons.)

Point of Acceptance: Grade

Out of Spec Action: Correct or remove and replace with specification material, or

appropriate price reduction.

Documentation/Report:

Type of Construction:

Submittals:

Quality Assurance: Lab Density AASHTO T-180 Method D

Assurance Frequency: A minimum of one test per 11,000 tons.

Point of Acceptance: N/A
Out of Spec Action: N/A

Documentation/Report:

Related Items: N/A

Type of Construction:

Submittals:

Quality Assurance: Field Density and Moisture Content by Nuclear Gage AASHTO

T-310

Assurance Frequency: A minimum of one determination per sublot of approximately

Point of Acceptance: Grade

Out of Spec Action: Contractor must continue to compact until density meets

specification.

Documentation/Report:

Type of Construction:

Submittals:

Quality Assurance: Test Report

Assurance Frequency: Submit form T-138 or computer printout weekly.

Point of Acceptance: N/A
Out of Spec Action: N/A

Documentation/Report: